

Rabbani et al., Serial No. 10/693,481 (Filed October 24, 2003)  
Exhibit A To December 21, 2007 Amendment Under 37 C.F.R. §1.115

# EXHIBIT A

**Enz-60(CIP)**

## GROUP A ULE LINKERS

ULE A-1 3' GAACTGCCCCACTG 5' SEQ ID 10  
TGACGGGGTGAC 3' SEQ ID 9

ULE A-2 3' AAATGCCCCACTG 5' SEQ ID 11  
TGACGGGGTGAC 3' SEQ ID 9

ULE A-3 3' CAACTGCCCCACTG 5' SEQ ID 12  
TGACGGGGTGAC 3' SEQ ID 9

ULE A-4 3' GTACTGCCCCACTG 5' SEQ ID 13  
TGACGGGGTGAC 3' SEQ ID 9

ULE A-5 3' AGACTGCCCCACTG 5' SEQ ID 14  
TGACGGGGTGAC 3' SEQ ID 9

ULE A-6 3' CCACTGCCCCACTG 5' SEQ ID 15  
TGACGGGGTGAC 3' SEQ ID 9

## GROUP B ULE LINKERS

ULE B-1 3' TCACTGCCCCACTG 5' SEQ ID 16  
TGACGGGGTGAC 3' SEQ ID 9

ULE B-2 3' TTAATGCCCCACTG 5' SEQ ID 17  
TGACGGGGTGAC 3' SEQ ID 9

ULE B-3 3' TCACTGCCCCACTG 5' SEQ ID 18  
TGACGGGGTGAC 3' SEQ ID 9

ULE B-4 3' ACACTGCCCCACTG 5' SEQ ID 19  
TGACGGGGTGAC 3' SEQ ID 9

ULE B-5 3' CTAATGCCCCACTG 5' SEQ ID 20  
TGACGGGGTGAC 3' SEQ ID 9

ULE B-6 3' GCACTGCCCCACTG 5' SEQ ID 21  
TGACGGGGTGAC 3' SEQ ID 9

## NOT INCLUDED IN GROUP A OR GROUP B ARE THE LAST 4 PERMUTATIONS

3' GCACTGCCCCACTG 5' SEQ ID 22  
TGACGGGGTGAC 3' SEQ ID 9

3' TAACTGCCCCACTG 5' SEQ ID 23  
TGACGGGGTGAC 3' SEQ ID 9

3' CGACTGCCCCACTG 5' SEQ ID 24  
TGACGGGGTGAC 3' SEQ ID 9

3' ATACTGCCCCACTG 5' SEQ ID 25  
TGACGGGGTGAC 3' SEQ ID 9

FIG. 4

## GROUP C ULE LINKERS

ULE LINKERS BINDING TO TARGETS WITH  
XXXXXXXXX NCG 3' ENDSULE C-1 3' GCGACTGCCCCACTG 5' SEQ ID 26  
TGACGGGGTGAC 3' SEQ ID 9ULE C-2 3' AGCACTGCCCCACTG 5' SEQ ID 27  
TGACGGGGTGAC 3' SEQ ID 9ULE C-3 3' TGCAGTCCCCACTG 5' SEQ ID 28  
TGACGGGGTGAC 3' SEQ ID 9ULE C-4 3' CGCACTGCCCCACTG 5' SEQ ID 29  
TGACGGGGTGAC 3' SEQ ID 9

## GROUP D ULE LINKERS

ULE LINKERS BINDING TO TARGETS WITH  
XXXXXXXXX NGC 3' ENDSULE D-1 3' GCGACTGCCCCACTG 5' SEQ ID 30  
TGACGGGGTGAC 3' SEQ ID 9ULE D-2 3' ACGACTGCCCCACTG 5' SEQ ID 31  
TGACGGGGTGAC 3' SEQ ID 9ULE D-3 3' TCGACTGCCCCACTG 5' SEQ ID 32  
TGACGGGGTGAC 3' SEQ ID 9ULE D-4 3' CCGACTGCCCCACTG 5' SEQ ID 33  
TGACGGGGTGAC 3' SEQ ID 9ULE LINKERS BINDING TO TARGETS WITH  
XXXXXXXXX NAT 3' ENDSULE C-5 3' GTAAGTCCCCACTG 5' SEQ ID 34  
TGACGGGGTGAC 3' SEQ ID 9ULE C-6 3' ATAAGTCCCCACTG 5' SEQ ID 35  
TGACGGGGTGAC 3' SEQ ID 9ULE C-7 3' TTAAGTCCCCACTG 5' SEQ ID 36  
TGACGGGGTGAC 3' SEQ ID 9ULE C-8 3' CTAAGTCCCCACTG 5' SEQ ID 37  
TGACGGGGTGAC 3' SEQ ID 9ULE LINKERS BINDING TO TARGETS WITH  
XXXXXXXXX NTA 3' ENDSULE D-5 3' GATACTGCCCCACTG 5' SEQ ID 38  
TGACGGGGTGAC 3' SEQ ID 9ULE D-6 3' AATACTGCCCCACTG 5' SEQ ID 39  
TGACGGGGTGAC 3' SEQ ID 9ULE D-7 3' TATACTGCCCCACTG 5' SEQ ID 40  
TGACGGGGTGAC 3' SEQ ID 9ULE D-8 3' CATACTGCCCCACTG 5' SEQ ID 41  
TGACGGGGTGAC 3' SEQ ID 9

FIG. 5